

CONTENTS

VOL. 1

	Foreword	vii
	User's guide	ix
	Glossary	xiii
SECTION 1.	ANIMAL DISEASE DIAGNOSIS, SURVEILLANCE AND NOTIFICATION	
Chapter 1.1.	Notification of diseases and provision of epidemiological information	1
Chapter 1.2.	Criteria for the inclusion of diseases, infections and infestations in the WOAAH list	3
Chapter 1.3.	Diseases, infections and infestations listed by WOAAH	4
Chapter 1.4.	Animal health surveillance	7
Chapter 1.5.	Surveillance for arthropod vectors of animal diseases	16
Chapter 1.6.	Procedures for official recognition of animal health status, endorsement of an official control programme, and publication of a self-declaration of animal health status, by WOAAH	19
Chapter 1.7.	Application for official recognition by WOAAH of free status for African horse sickness	21
Chapter 1.8.	Application for official recognition by WOAAH of risk status for bovine spongiform encephalopathy	31
Chapter 1.9.	Application for official recognition by WOAAH of free status for classical swine fever	42
Chapter 1.10.	Application for official recognition by WOAAH of free status for contagious bovine pleuropneumonia	48
Chapter 1.11.	Application for official recognition by WOAAH of free status for foot and mouth disease	63
Chapter 1.12.	Application for official recognition by WOAAH of free status for peste des petits ruminants	88
SECTION 2.	RISK ANALYSIS	
Chapter 2.1.	Import risk analysis	103
Chapter 2.2.	Criteria applied by WOAAH for assessing the safety of commodities	108
SECTION 3.	QUALITY OF VETERINARY SERVICES	
Chapter 3.1.	Introduction to recommendations on Veterinary Services	111
Chapter 3.2.	Quality of Veterinary Services	112
Chapter 3.3.	Evaluation of Veterinary Services	118
Chapter 3.4.	Veterinary legislation	120
Chapter 3.5.	Communication	128
SECTION 4.	DISEASE PREVENTION AND CONTROL	
Chapter 4.1.	Introduction to recommendations for the prevention and control of transmissible animal diseases	131
Chapter 4.2.	General principles on identification and traceability of live animals	133
Chapter 4.3.	Design and implementation of identification systems to achieve animal traceability	134
Chapter 4.4.	Zoning and compartmentalisation	140
Chapter 4.5.	Application of compartmentalisation	145
Chapter 4.6.	General hygiene in semen collection and processing centres	150
Chapter 4.7.	Collection and processing of bovine, small ruminant and porcine semen Collection and processing of <i>in vivo</i> derived embryos from livestock and equids	152
Chapter 4.8.	Collection and processing of oocytes and <i>in vitro</i> produced embryos from livestock and horses	158
Chapter 4.9.	Collection and processing of oocytes and <i>in vitro</i> produced embryos from livestock and horses	164
Chapter 4.10.	Collection and processing of micromanipulated oocytes or embryos from livestock and horses	168
Chapter 4.11.	Collection and processing of laboratory rodent and rabbit oocytes or embryos	170
Chapter 4.12.	Somatic cell nuclear transfer in production livestock and horses	175
Chapter 4.13.	Disposal of dead animals	181

Chapter 4.14.	General recommendations on disinfection and disinsection	187
Chapter 4.15.	Official health control of bee diseases	189
Chapter 4.16.	Hygiene precautions, identification, blood sampling and vaccination	192
Chapter 4.17.	High health status horse subpopulation	193
Chapter 4.18.	Vaccination	195
Chapter 4.19.	Official control programmes for listed and emerging diseases	203
SECTION 5.	TRADE MEASURES, IMPORT/EXPORT PROCEDURES AND VETERINARY CERTIFICATION	
Chapter 5.1.	General obligations related to certification	211
Chapter 5.2.	Certification procedures	214
Chapter 5.3.	WOAH procedures relevant to the Agreement on the Application of Sanitary and Phytosanitary Measures of the World Trade Organization	216
Chapter 5.4.	Animal health measures applicable before and at departure	222
Chapter 5.5.	Animal health measures applicable during transit from the place of departure in the exporting country to the place of arrival in the importing country	224
Chapter 5.6.	Border posts and quarantine stations in the importing country	226
Chapter 5.7.	Animal health measures applicable on arrival	227
Chapter 5.8.	International transfer and laboratory containment of animal pathogenic agents	230
Chapter 5.9.	Quarantine measures applicable to non-human primates	232
Chapter 5.10.	Model veterinary certificates for international trade in live animals, hatching eggs and products of animal origin	235
Chapter 5.11.	Model veterinary certificate for international movement of dogs, cats and ferrets originating from countries considered infected with rabies	246
Chapter 5.12.	Model passport for international movement of competition horses	249
Chapter 5.13.	Model veterinary certificate for international trade in laboratory animals	263
SECTION 6.	VETERINARY PUBLIC HEALTH	
Chapter 6.1.	Introduction to recommendations for veterinary public health	269
Chapter 6.2.	The role of the Veterinary Services in food safety systems	270
Chapter 6.3.	Control of biological hazards of animal health and public health importance through ante- and post-mortem meat inspection	273
Chapter 6.4.	The control of hazards of animal health and public health importance in animal feed	276
Chapter 6.5.	Biosecurity procedures in poultry production	280
Chapter 6.6.	Prevention, detection and control of <i>Salmonella</i> in poultry	285
Chapter 6.7.	Introduction to the recommendations for controlling antimicrobial resistance	290
Chapter 6.8.	Harmonisation of national antimicrobial resistance surveillance and monitoring programmes	291
Chapter 6.9.	Monitoring of the quantities and usage patterns of antimicrobial agents used in food-producing animals	298
Chapter 6.10.	Responsible and prudent use of antimicrobial agents in veterinary medicine	301
Chapter 6.11.	Risk analysis for antimicrobial resistance arising from the use of antimicrobial agents in animals	310
Chapter 6.12.	Zoonoses transmissible from non-human primates	316
Chapter 6.13.	Prevention and control of <i>Salmonella</i> in commercial bovine production systems	321
Chapter 6.14.	Prevention and control of <i>Salmonella</i> in commercial pig production systems	326
SECTION 7.	ANIMAL WELFARE	
Chapter 7.1.	Introduction to the recommendations for animal welfare	333
Chapter 7.2.	Transport of animals by sea	336
Chapter 7.3.	Transport of animals by land	349
Chapter 7.4.	Transport of animals by air	363
Chapter 7.5.	Slaughter of animals	371
Chapter 7.6.	Killing of animals for disease control purposes	389
Chapter 7.7.	Dog population management	409
Chapter 7.8.	Use of animals in research and education	423

Chapter 7.9.	Animal welfare and beef cattle production systems	433
Chapter 7.10.	Animal welfare and broiler chicken production systems	442
Chapter 7.11.	Animal welfare and dairy cattle production systems	449
Chapter 7.12.	Welfare of working equids	462
Chapter 7.13.	Animal welfare and pig production systems	471
Chapter 7.14.	Killing of reptiles for their skins, meat and other products	484
	Index	i